

CLAIMS:

1. A display device comprising at least one picture element and a display driver device comprising a driving transistor to be connected in series with the picture element in a first current path, the display driver comprising means for monitoring and controlling the current in said first current path.

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2. A display device as claimed in Claim 1 in which in operation the current in the first current path is controlled by a current simultaneously passing in a second current path.

3. A display device as claimed in Claim 2 a controlling connection of the driving transistor being coupled to an output of a control amplifier each of the input connections of the control amplifier being coupled to the first and second current path respectively.

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4. A display device as claimed in Claim 2 the driving transistor being a field effect transistor, the gate connection being the controlling connection.

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5. A display device as claimed in Claim 1 which in operation the current in the first current path is controlled by a charge stored by means of a current having passed in a second circuitry part.

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6. A display device as claimed in Claim 5 a controlling connection of the driving transistor being coupled to an output of a control amplifier one of the input connections of the control amplifier being coupled to a capacitor storing the control charge.

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7. A display device as claimed in Claim 5 a controlling connection of the driving transistor being coupled to an output of a control amplifier the input connections of the control amplifier being coupled to the capacitor storing the control charge and the first current path respectively.

8. A display device as claimed in Claim 1 the picture element being a luminescent element and the first current determining the luminescence of the luminescent element.

5 9. A display driver device comprising a driving transistor for driving a picture element via first current path the first current path being controllable by the current in a second current path related to an input data value for the picture, a controlling connection of the driving transistor being coupled to an output of a control amplifier each of the input connections of the control amplifier being coupled to the first and second current path
10 respectively.

10. A display driver device as claimed in Claim 9 the driving transistor being a field effect transistor, the gate connection being the controlling connection

15 11. A display driver device as claimed in Claim 9 the second current path comprising a current source.

12. A display driver device comprising a driving transistor for driving a picture element via a first current path in which in operation the current in the first current path is
20 controlled by a charge stored by means of a current having passed in a second circuitry part.

13. A display driver device as claimed in Claim 12 a controlling connection of the driving transistor being coupled to an output of a control amplifier one of the input connections of the control amplifier being coupled to a capacitor storing the control charge.